



NPD perspective

Joining Forces seminar
22-23 Mai 2013

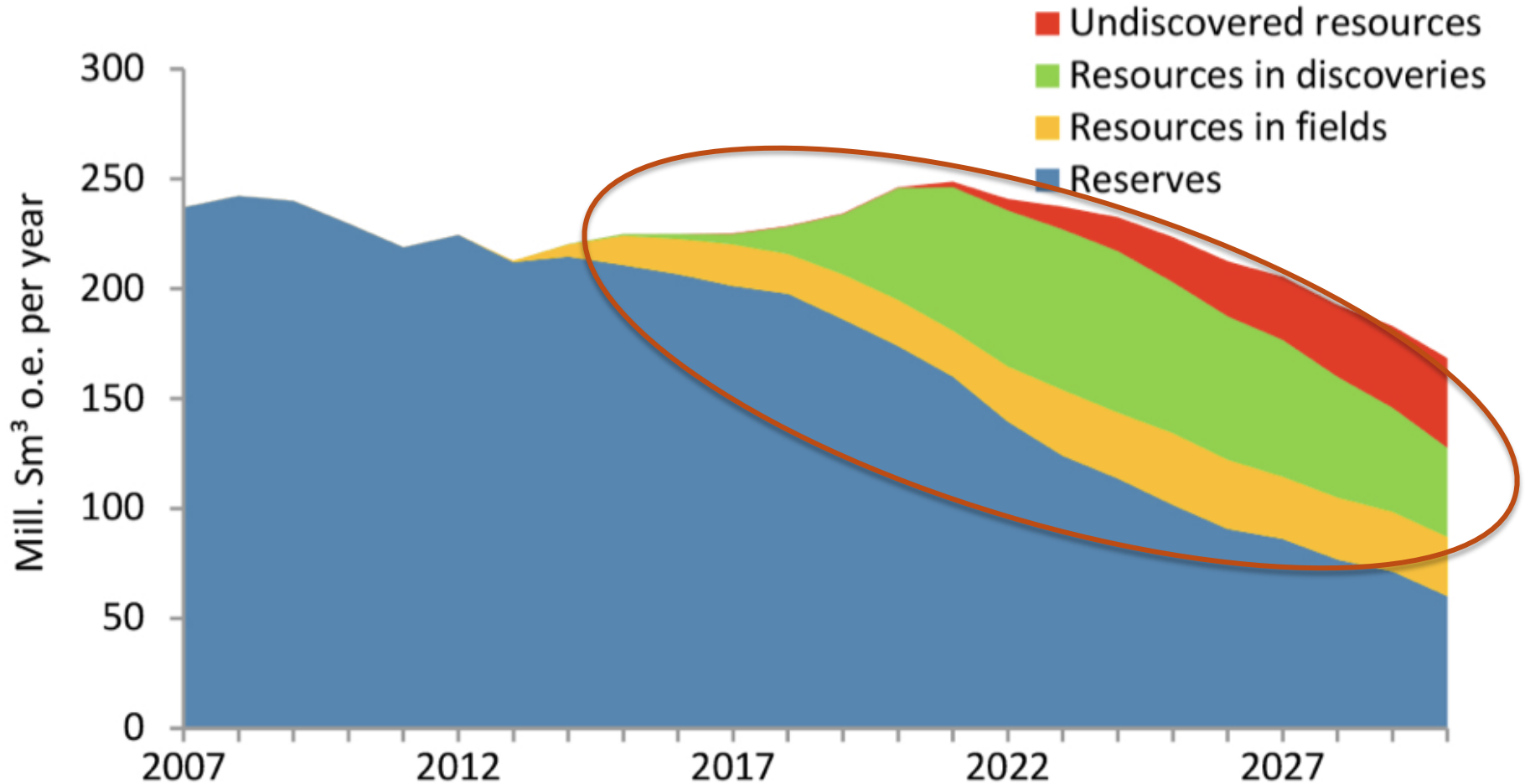
Eva Halland
Project Manager FORCE



Photo :Emile Ashley

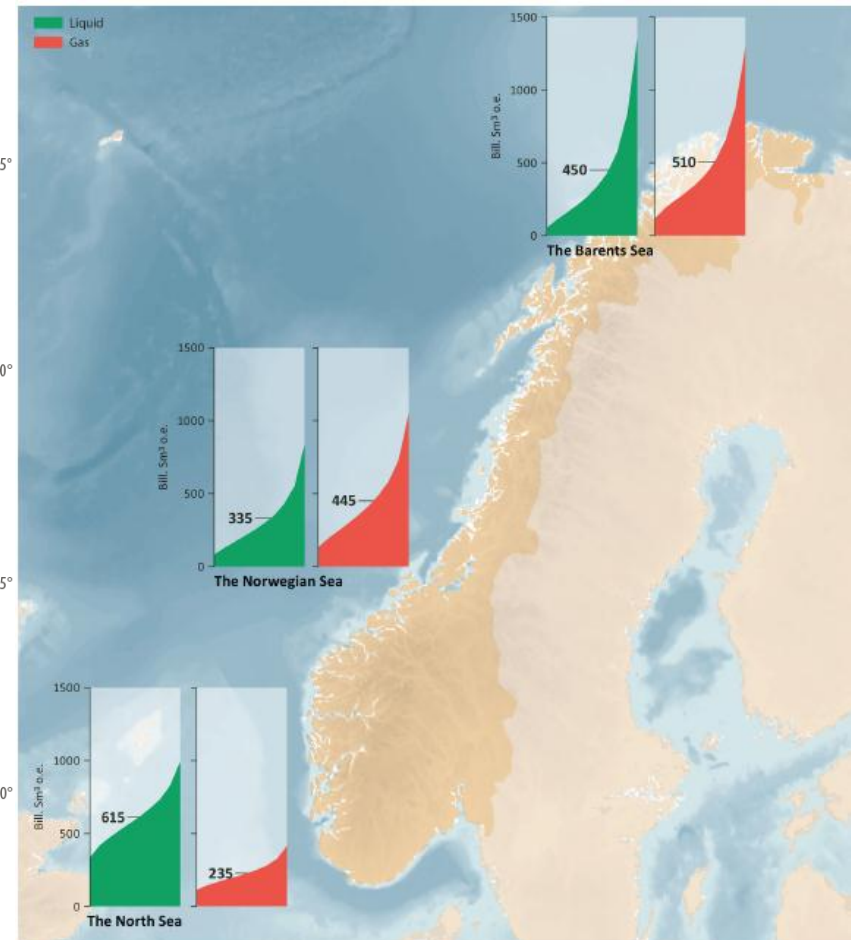
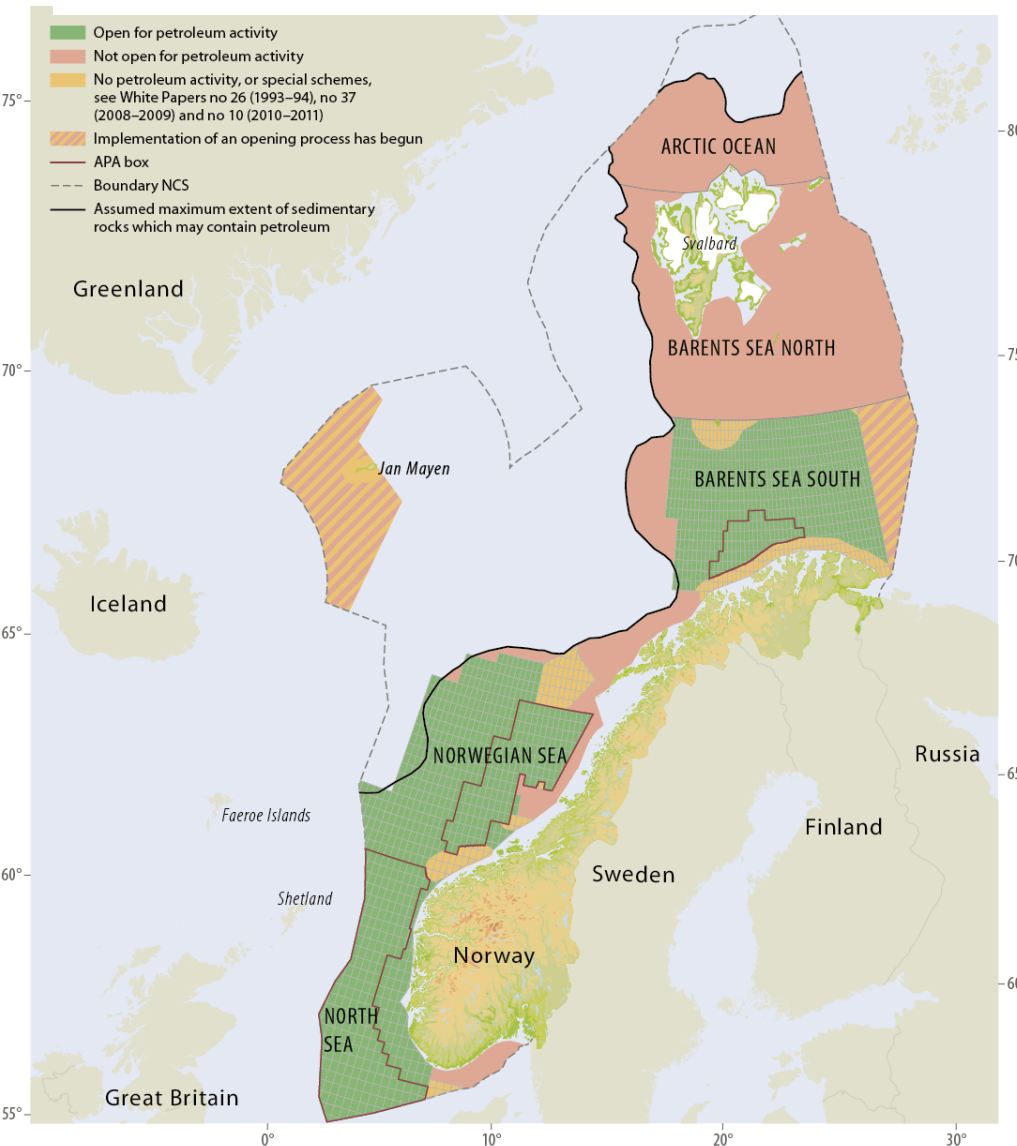
The Norwegian Petroleum Directorate will contribute in **creating the greatest possible value for society from oil and gas activities by means of prudent resource management**, based on safety, emergency preparedness and safeguarding the natural environment

Production prognosis (2012)



Improved exploration «old areas and new areas»

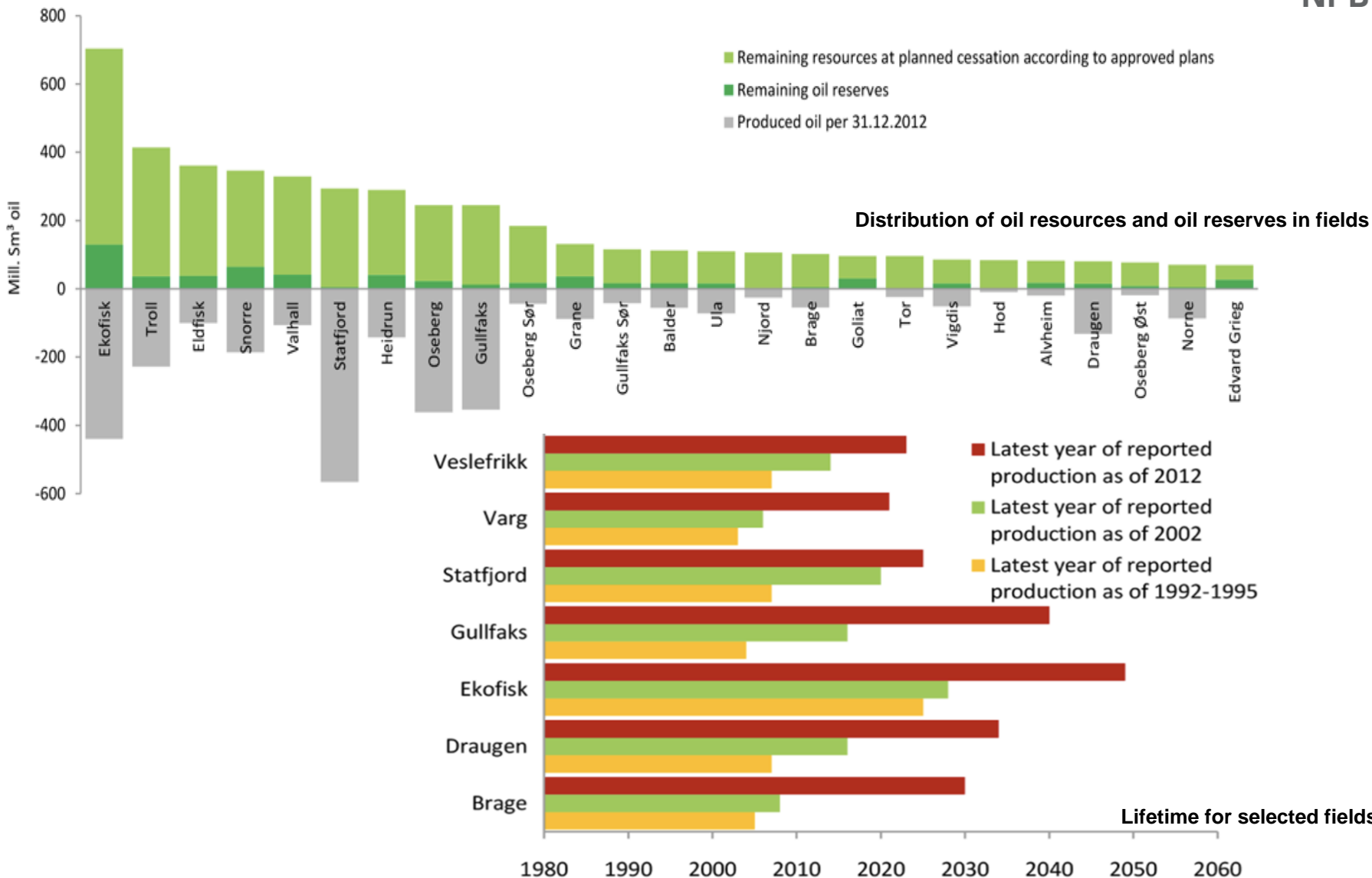
NEW IDEAS - NEW TECHNOLOGY



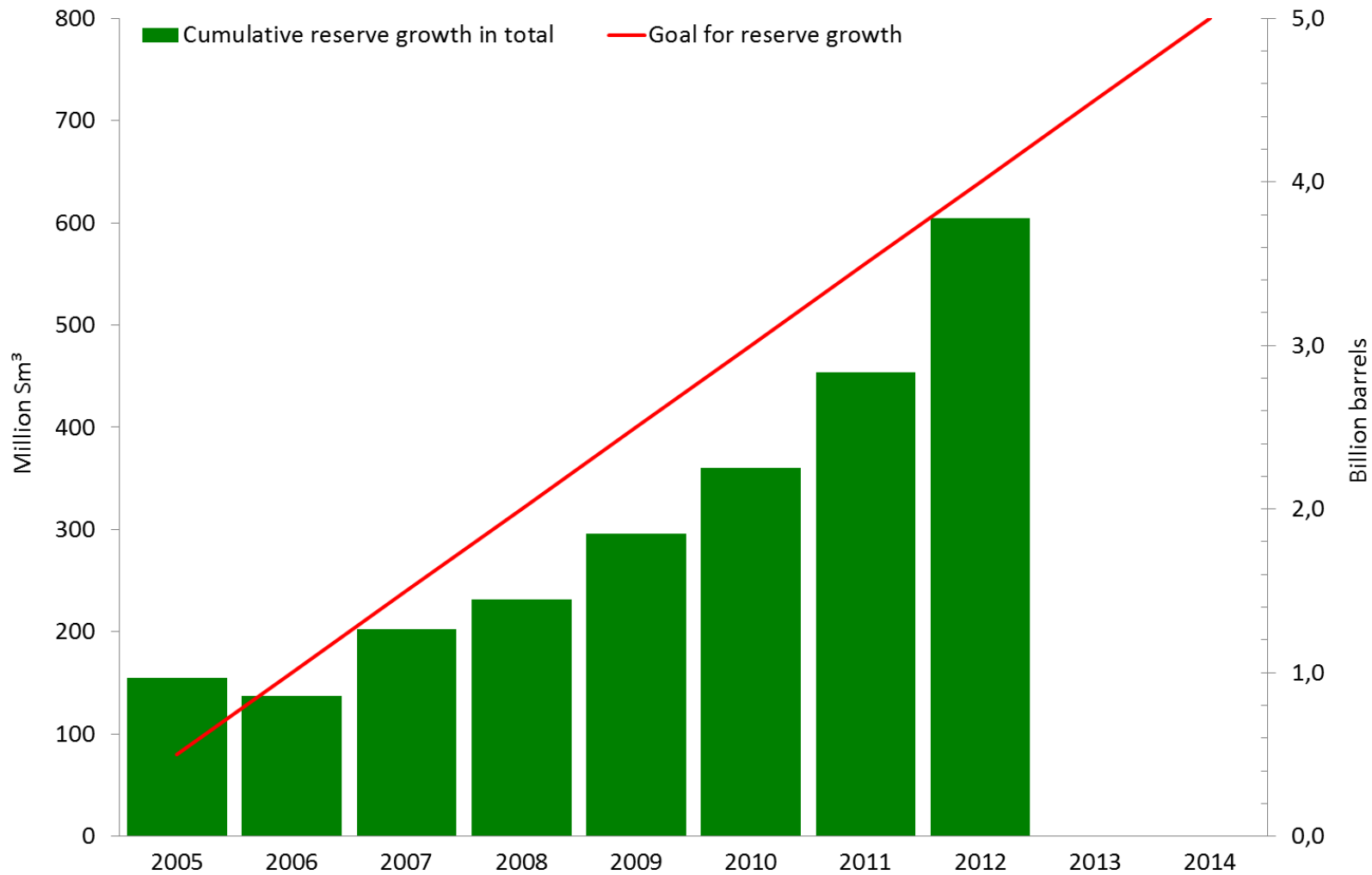
(Source: Norwegian Petroleum Directorate)

Improved Recovery - «old fields and new fields»

NEW IDEAS - NEW TECHNOLOGY

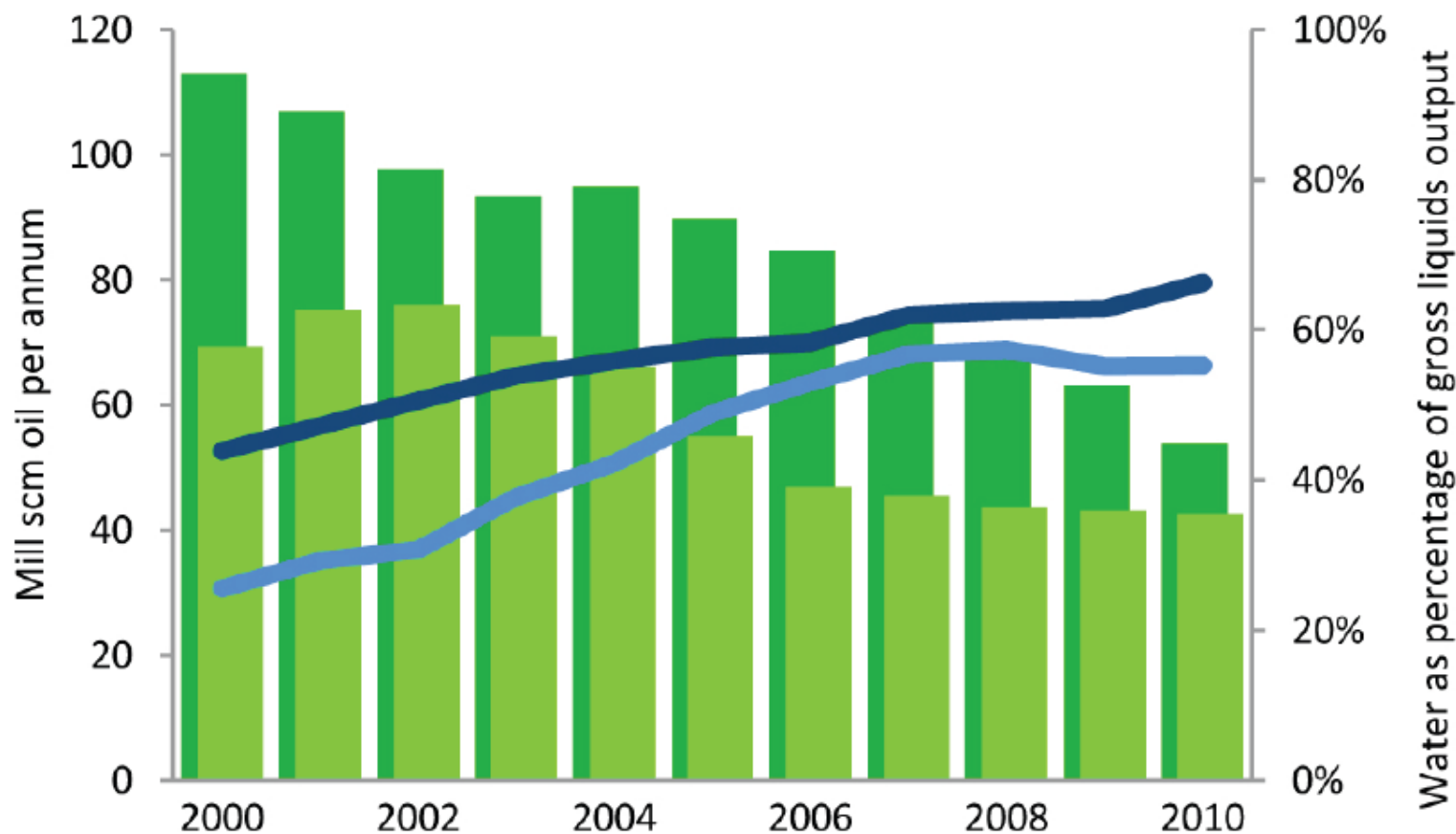


Oil reserve growth



(Source: Norwegian Petroleum Directorate)

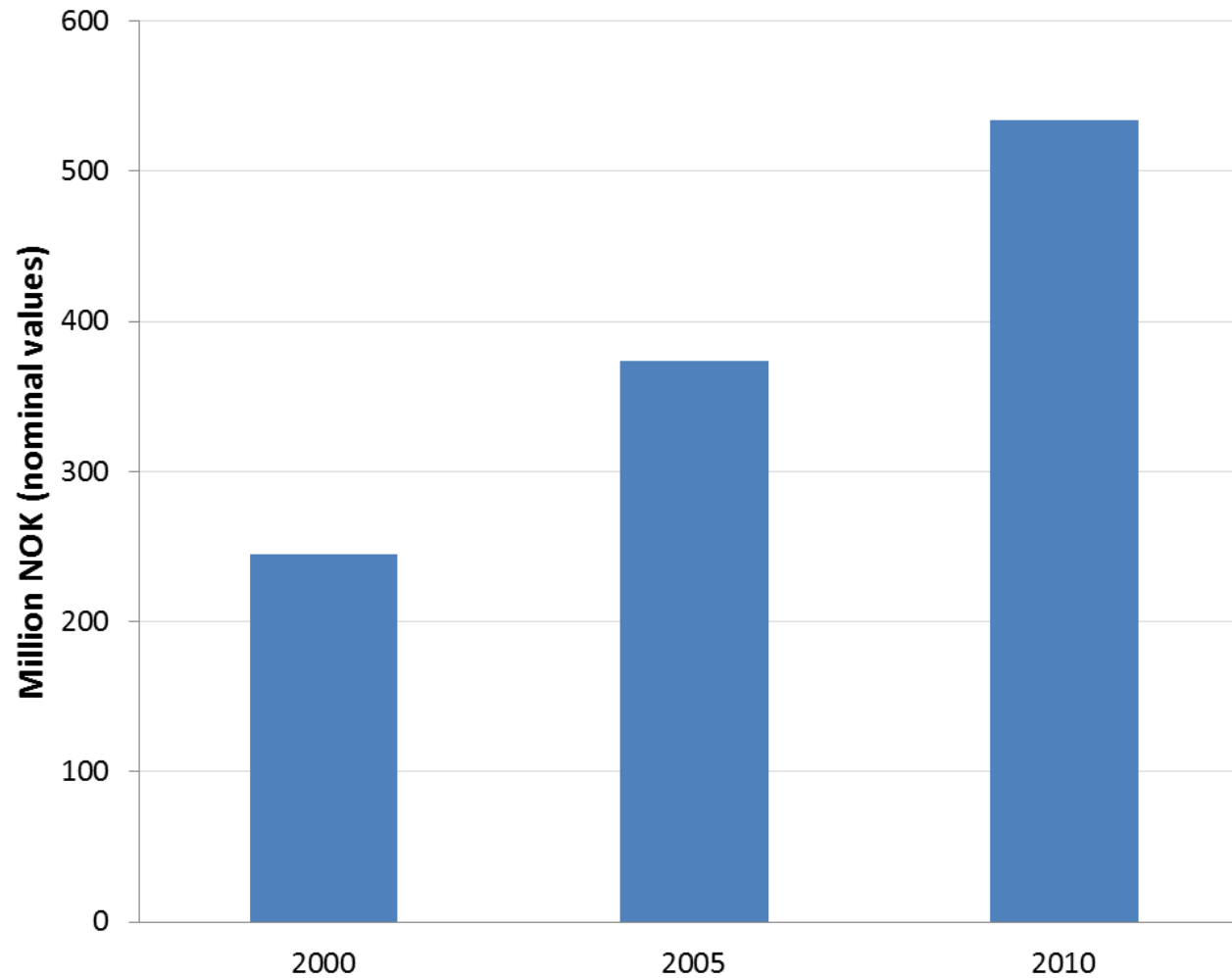
Distribution of oil production and water cut from subsea wells and wells on fixed installations, 2000-2010



- Gross oil output from wells on fixed installations
- Gross oil output from subsea wells
- Water as percentage of total output from wells on fixed installations
- Water as percentage of total output from subsea wells

(Source: Norwegian Petroleum Directorate)

Increasing drilling costs – a challenge

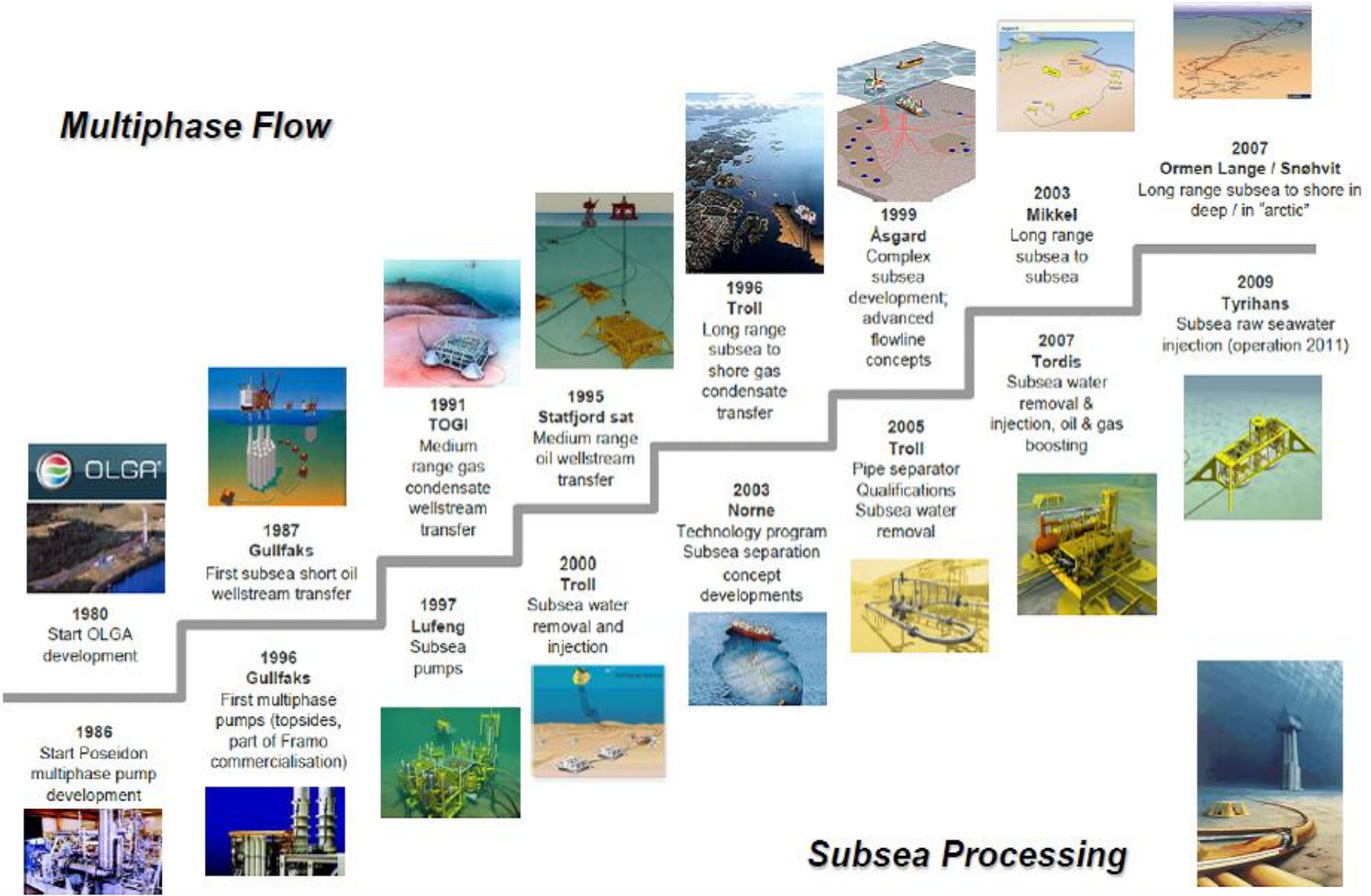


(Source: Norwegian Petroleum Directorate)

Technological developments - plenty to be proud of



Multiphase Flow



Subsea Processing

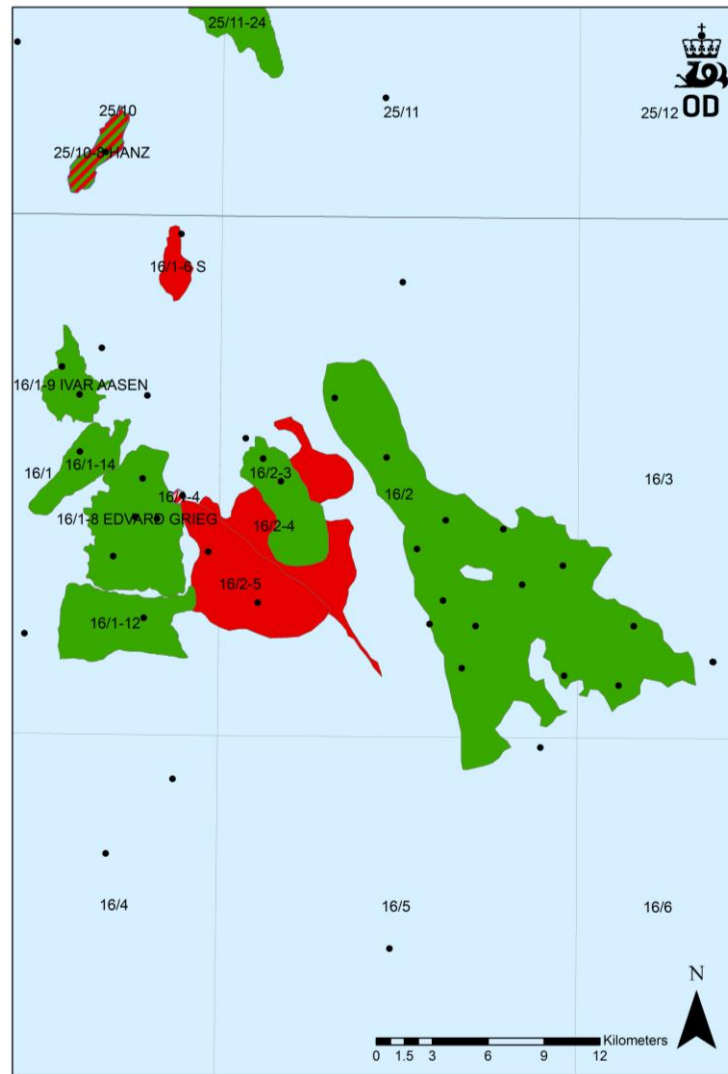
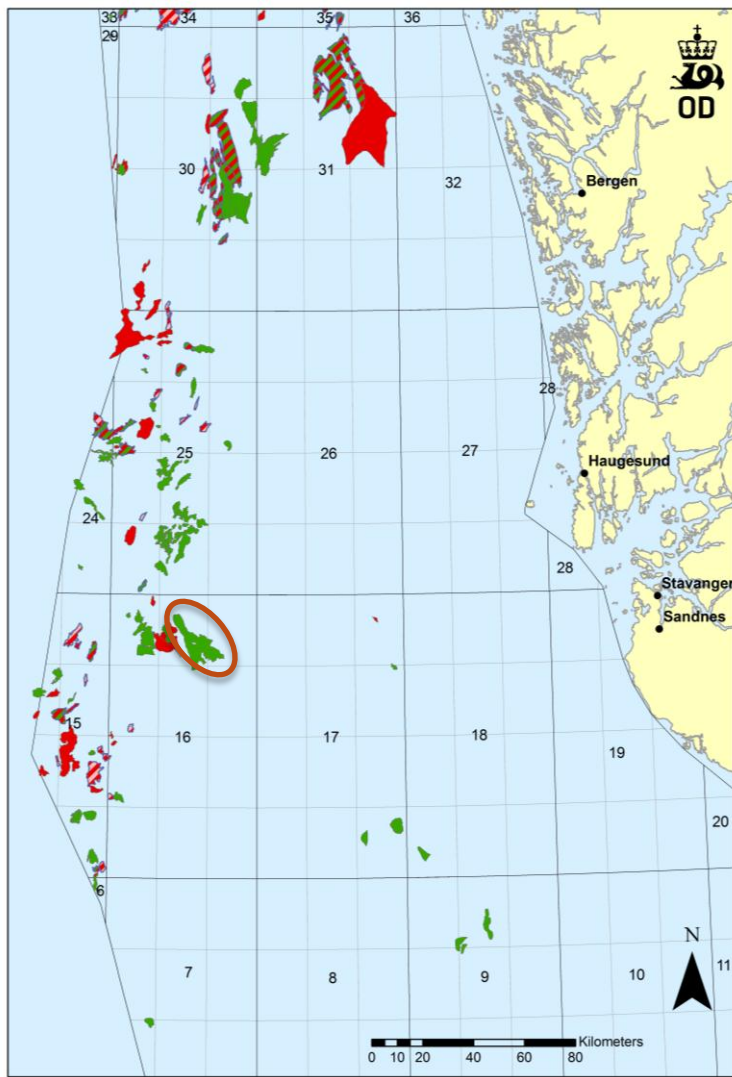
Reserves Replacement Options on NCS

EXPLORATION

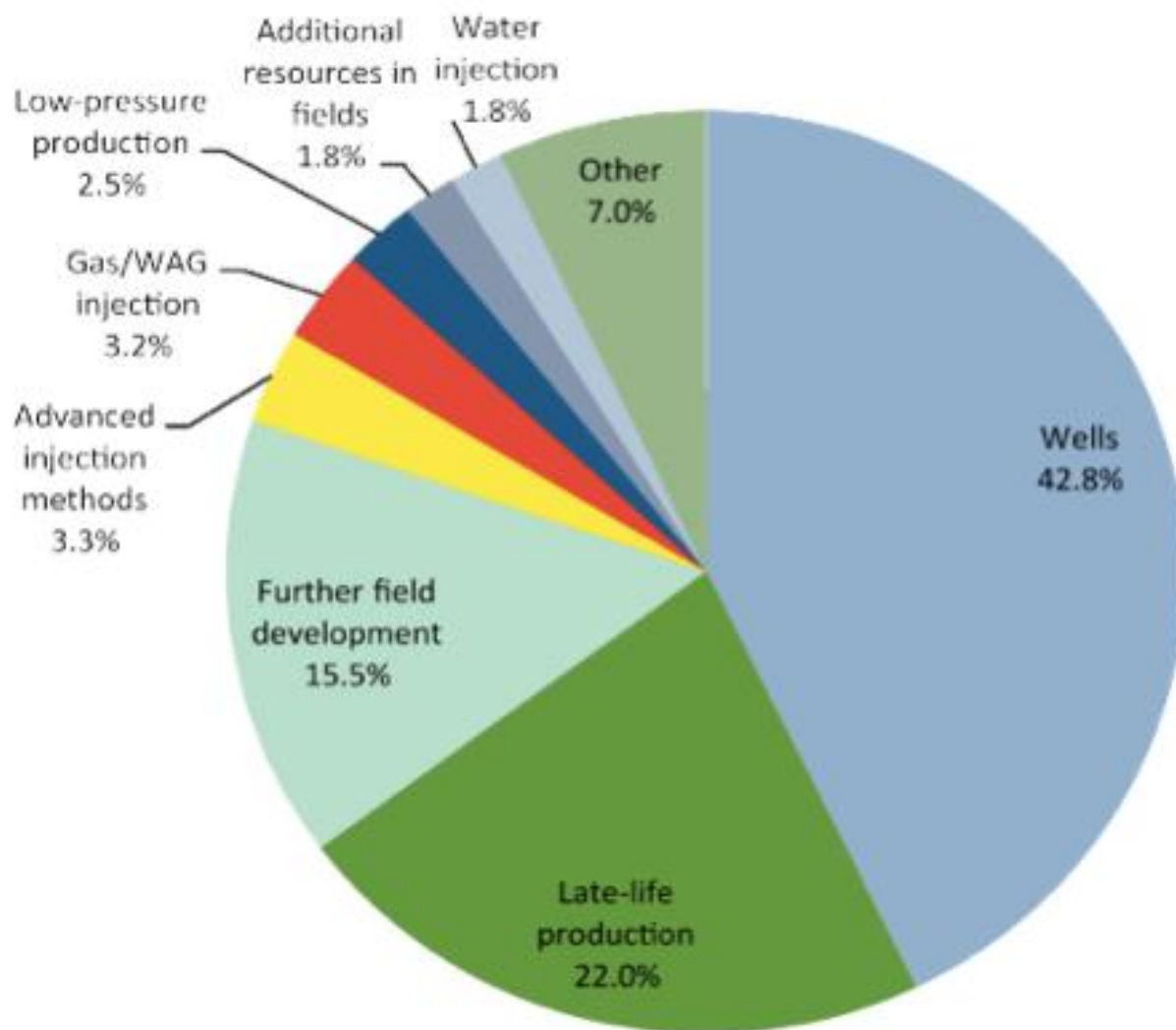
IOR TECHNOLOGIES have a proven technical and economic recovery potential

EOR TECHNOLOGIES have a promising, but unproven technical and economic recovery potential on reservoir and field level

Johan Sverdrup



Reported resources in plans and methods for reserve growth in producing fields



Bente Nyland believes in 100 more years of oil



Bente Nyland - Foto: Scanpix

Bente Nyland tror på 100 oljeår

- Man trodde da man startet opp i Nordsjøen at man skulle være ferdig i 1980, sier oljedirektør.

Artikkel av: Marianne L. Skarsgård (HegnarOnline - 15.3.12 09:01)